

PIVOTING ON-AXIS INK RESERVOIR FOR INKJET PRINTER

Abstract of the Disclosure

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An on-axis ink reservoir that is pivotally secured to the carriage of an inkjet printer thereby defining an engaged position, in which the ink reservoir is in fluid communication with a printhead secured to the carriage, and an open position, in which the ink reservoir pivots away from the printhead to allow easy access to the printhead without the need to remove the ink reservoir from the carriage. Preferably, the ink reservoir is detachably secured to an ink-reservoir mounting portion, the printhead is detachably secured to a printhead mounting-portion, and these two mounting portions are pivotally secured together. More preferably, the ink-reservoir mounting portion includes a plurality of ink reservoirs, and the printhead mounting-portion includes a plurality of printheads. A latching mechanism is provided to operably secure the two mounting portions together in the engaged position. A resistive detent on one of the mounting portions operably engages a tab extending from the other of the mounting portions when the carriage is in its open position, thereby holding the carriage in its open position to further facilitate remove of the printhead.

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